LineUp With Math™ Alignment
Missouri Mathematics
Grade-Level Expectations

Strand: Number and Operations

1. Understand numbers, ways of representing numbers, relationships among numbers and number systems.

B. Represent and use rational numbers

Grade-Level Expectation	***LineUp With Math™* Activities**
Use fractions, decimals and percents to solve problems. (MA 1 3.4)	--Use an interactive simulator plus calculation worksheets to apply proportional reasoning to identify and resolve distance, rate, time conflicts in air traffic control. --Use percent relationships to resolve distance, rate, time conflicts in air traffic control.

3. Compute fluently and make reasonable estimates

E. Use proportional reasoning

Grade-Level Expectation	***LineUp With Math™* Activities**
Solve problems involving proportions, such as scaling and finding equivalent ratios. **(**MA 1 3.3)	--Use an interactive simulator plus calculation worksheets to apply proportional reasoning to identify and resolve distance, rate, time conflicts in air traffic control.

Strand: Algebraic Relationships

4. Analyze change in various contexts

A. Analyze change

Grade-Level Expectation	***LineUp With Math™* Activities**
Compare situations with constant or varying rates of change. **(**MA 2,4 1.6,4.1)	--Use an interactive simulator to identify distance, rate, time conflicts in air traffic control problems and resolve the conflicts by varying plane speeds or changing plane routes.

Strand: Geometric and Spatial Relationships	
4. Use visualization, spatial reasoning and geometric modeling to solve problems.	
B. Draw and use visual models	
Grade-Level Expectation Draw or use visual models to represent and solve problems (MA 2 3.1)	***LineUp With Math™* Activities** --Use an interactive simulator plus calculation worksheets to model and resolve air traffic control conflicts.